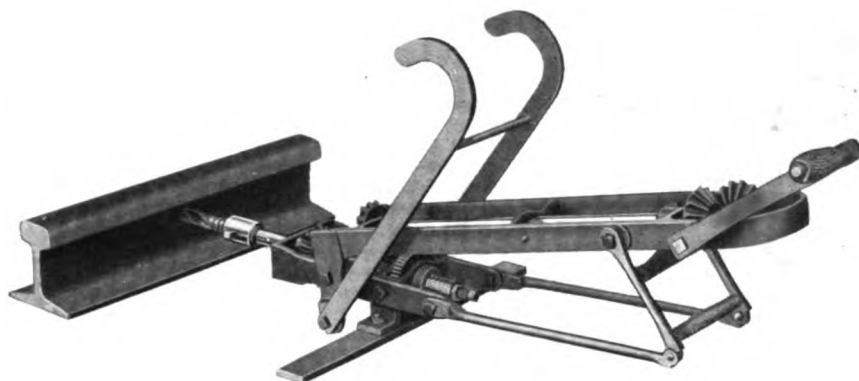


RAIL BONDS

PAULUS TRACK DRILL

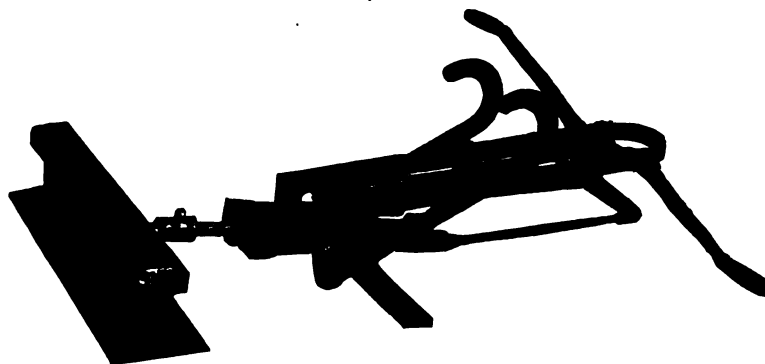


The Paulus Track Drill has proved to be a most satisfactory hand operated upright machine for drilling rails. It is provided with an automatic feeding device that requires no attention. A dog connecting ratchet on the feed screw is operated by an eccentric which is put in motion by the revolving spindle and results in as coarse a feed as is consistent with the best results from a point of view of time and of safety to the bit.



Cat. No.	Description	Weight in Lb.
103415	Paulus Track Drill for T Rail	60
103416	Paulus Track Drill for Girder Rail	100

REPAIR PARTS OF PAULUS TRACK DRILL

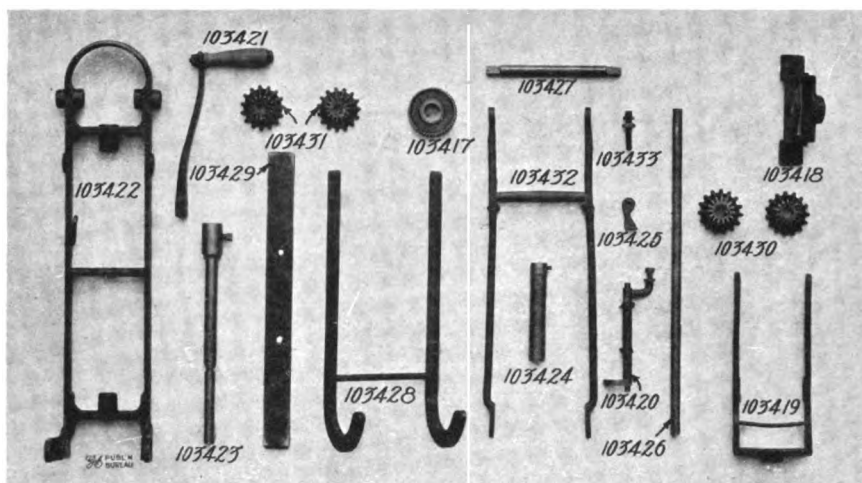


Following is a list of renewal parts for Paulus Track Drills:

When ordering repair parts for Paulus Drills please state whether they are required for the "T" rail or girder rail pattern.

RAIL BONDS

REPAIR PARTS OF PAULUS TRACK DRILL—(Concluded)



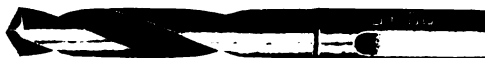
Cat. No.	Description	Cat. No.	Description
103417	Ratchet Wheel	103426	Vertical Shaft
103418	Housing for Ratchet Wheel	103427	Crank Shaft
103419	Lower Frame	*103428	Rail Hooks
103420	Rocker Shaft	103429	Foot Plate
103421	Two Cranks	103430	Two Upper Gears
103422	Upper Frame	103431	Two Lower Gears
103423	Spindle	103432	Back Brace
103424	Feed Screw	103433	Set Screw
103425	Ratchet Feed Dog		

*Style of rail, T or Girder, must be specified.

ROUND STRAIGHT SHANK DRILLS

These drills listed below are adapted to drilling machines shown on pages 152 and 153.

Diameter of shank is $\frac{3}{8}$ in.; length of shank $2\frac{1}{4}$ in.; length overall 6 in.; length of twist 3 in.



Cat. No.	Diameter	Cat. No.	Diameter	Cat. No.	Diameter	Cat. No.	Diameter
103434	$\frac{1}{2}$ "	103439	$\frac{3}{8}$ "	103444	$\frac{1}{2}$ "	103449	$\frac{3}{8}$ "
103435	$\frac{3}{8}$ "	103440	$\frac{1}{2}$ "	103445	$\frac{3}{8}$ "	103450	1"
103436	$\frac{1}{4}$ "	103441	$\frac{3}{4}$ "	103446	$\frac{1}{2}$ "	103451	$1\frac{1}{2}$ "
103437	$\frac{3}{4}$ "	103442	$\frac{1}{2}$ "	103447	$\frac{3}{4}$ "	103452	$1\frac{3}{4}$ "
103438	$\frac{5}{8}$ "	103443	$\frac{3}{4}$ "	103448	$\frac{1}{2}$ "		

THE MAGIC HIGH SPEED BIT



The Magic High Speed Bit

This bit is made of Sheffield air hardened steel and will retain its temper even at a very high temperature.